

Claims

1. An illuminating apparatus for a work vehicle, comprising:
a front illuminating unit;
5 a side illuminating unit;
a frame supporting the front illuminating unit and the side
illuminating unit; and
a translucent lens unit covering the front illuminating unit and the
side illuminating unit;
10 wherein the front illuminating unit and the side illuminating unit
are supported to the frame;
the translucent lens unit comprises a one-piece translucent lens
directly connected and supported to the frame; and
the frame includes an attaching portion for attaching the frame to
15 a front portion of the vehicle body.
2. The illuminating apparatus according to claim 1, wherein
said front illuminating unit comprises a pair of right and left front lamps
and said side illuminating unit comprises a pair of right and left side lamps.
20
3. The illuminating apparatus according to claim 2, wherein
the frame includes a front frame portion for supporting the right and left
front lamps and side frame portions extending from opposed ends of the
front frame portion to the rear side of the vehicle body for supporting the
25 side lamps.
4. The illuminating apparatus according to claim 2, wherein
said translucent lens includes a front lens portion covering the right and
left front lamps and side lens portions covering the right and left side
30 lamps.

5 5. The illuminating apparatus according to claim 2, wherein
the frame defines a recess for accommodating the front lamps and the side
lamps therein and an opening of this recess is closed by the translucent
lens.

10 6. The illuminating apparatus according to claim 2, wherein
a pair of right and left pair of the side lamps are attached and supported
laterally of the vehicle body.

15 7. The illuminating apparatus according to claim 6, wherein
a side lamp reflector for reflecting beam from said each side lamp is formed
symmetric in the right and left direction across the side lamp in a plan
view.

20 8. The illuminating apparatus according to claim 6, wherein
the side lamp reflector is formed vertically asymmetric across the side lamp
in a side view with an upper portion of the reflector above the side lamp
being wider than a lower portion thereof below the side lamp.

25 9. The illuminating apparatus according to claim 2, wherein
the side lamp on the inner side of steering is automatically turned ON in
response to an ON instruction from a switching device for each side lamp
and also to the steering of steering wheels by an angle exceeding a
predetermined angle.

30 10. The illuminating apparatus according to claim 2, wherein
the side lamp is automatically turned ON in response to an ON instruction
from a switching device for each front lamp and also to an ON instruction
from a switching device for each side lamp.

11. The illuminating apparatus according to claim 2, wherein
said each side lamp is automatically turned ON, in response to an ON
instruction from a switching device for the side lamp unit and also to a
5 lowering movement of an implement connected to the rear of the vehicle
body to a lowered work position.

12. The illuminating apparatus according to claim 2, wherein
said each side lamp is automatically turned ON, in response to an ON
10 instruction from a switching device for the side lamp unit and also to a
change in the traveling speed of the vehicle to speed lower than a
predetermined speed.